

Lambda control unit for IC engines

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Abstract of DE19734072

The lambda control unit for IC engines has at least one lambda sonde passing on a lambda signal via a signal and amplifier path to at least one adaptive filter. This adaptive filter suppresses control oscillations through it by questionable frequencies or frequency bands being eliminated or phase-displaced. The filtered signal is passed on to a controller or directly to a final control member, especially an injection control unit, which influences the mixture composition or quantity. The lambda signal or controlled parameter is passed to an analyser which recognises the frequencies of disturbing control oscillations in the attachment.

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